Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number,

UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		0329-0004.01		
First I	nventor	Ernst-Walter Hillebrand	575	
Title	ALKALI ZINC	NICKEL BATH	17	

(Only for new nonprovision	al applications under 37 CFR 1.53(b))	Express	s Mail Label No.	EV 32170	7438 (us			
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231						
1. Applicant claims sr See 37 CFR 1.27. 3. Applicant claims sr See 37 CFR 1.27. 3. Specification (preferred arrangement - Descriptive title - Cross Reference - Statement Rega - Reference to se or a computer p - Background of t - Brief Summary - Brief Description - Detailed Descrip - Claim(s) - Abstract of the 4. Drawing(s) (35 U 5. Oath or Declaration a. Newly executopy from a (for continuation) i. DELET Signed state named in t 1.63(d)(2)	orm (e.g., PTO/SB/17) huplicate for fee processing) mall entity status. [Total Pages 6] set forth below) of the invention e to Related Applications arding Fed sponsored R & D quence listing, a table, rogram listing appendix the Invention of the Invention of the Drawings (if filed) bisclosure	7. 8. Nu (if a. [b.	CD-ROM or CD-Computer Progr. Cleotide and/or Aminapplicable, all necess Computer Real Specification Seque i. CD-RO ii. paper Statements verification Seque ACCOMPANYIN Assignment Pa 37 CFR 3.73(b) (when there is English Transl. Information Dis Statement (IDS Preliminary An Return Receip (Should be specified Copy (if foreign prior Nonpublication (b)(2)(B)(i). Ap or its equivale	R in duplicate am (Appendia am	copies of abo cation (if appendix action for	table or bmission); or ve copies N PARTS document(s)) Power of Attorney oplicable) Copies of IDS Citations 03) t(s) J.S.C. 122 orm PTO/SB/35			
Application Data Sheet.S ee 37 CFR 1.76 17. Other: Copies of International Application Application Data Sheet.S ee 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner: Bruce F. Bell Group Art Unit: 1746									
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
	19. CORRESPO	NDENCE ADI	DRESS						
Customer Number or Bar Co	The state of the s	iborb	or	Correspon	dence add	dress below			
Name	2650								
	PATENT TRADEM	ARK OFFICE							
Address			Τ						
City		State		Zip (ode				
Country		Telephone		Fá	x				
Name (Print/Type)	Andrew G. Kolomayets	Reg	istration No. (Atto	rney/Agent)		33,723			
Signature	(hay) Colon			Date	07/1	1/2003			

Signature

Date 07/11/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

by certify that this paper or fee is being deposited with the United	sit: Jaiy 11, 2003 States Postal Service "Express Mail Post Office Box Addressee"					
e under 37 CFR 1.10 on the date indicated above and is address: -1450 NAME: Yue X. Ruan SIGNATURE:	ed to Commissioner for Patents, P.O. Box 1450, Alexandria, VATO/SB/ Approved for use through 04/30/2003. OMB of U.S. Patent and Trademark Office; U.S. DEPARTMENT OF CO	0651-003				
Under the Paperwork Reduction Act of 1995, no persons are requi	ired to respond to a collection of information unless it displays a valid OMB contr	rol numbe				
CEE TO A NOMITTA	Complete if Known					
FEE TRANSMITTA	Application Number					
for FY 2003	Filing Date Herewith					
	First Named Inventor Ernst-Walter Hillebrand					
Effective 01/01/2003. Patent fees are subject to annual revision	Examiner Name					
Applicant claims small entity status. See 37 CFR 1.27	Art Unit					
TOTAL AMOUNT OF PAYMENT (\$) 375.00	Attorney Docket No. 0329-0004.01					
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Check Credit card Money Other None	3. ADDITIONAL FEES					
Deposit Account:	Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe					
Deposit Account 50/1039	ree Description	e Paid				
Number	1051 130 2051 65 Surcharge - late filing fee or oath					
Deposit Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd.	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet					
Name The Commissioner is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification					
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination					
Charge any additional fee(s) during the pendency of this application	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action					
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after					
to the above-identified deposit account.	Examiner action 1251 110 2251 55 Extension for reply within first month					
FEE CALCULATION	1252 410 2252 205 Extension for reply within second month					
1. BASIC FILING FEE Large Entity Small Entity	1253 930 2253 465 Extension for reply within third month					
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,450 2254 725 Extension for reply within fourth month					
1001 750 2001 375 Utility filing fee	1255 1,970 2255 985 Extension for reply within fifth month					
1002 330 2002 165 Design filling fee 375.00	1401 320 2401 160 Notice of Appeal					
1003 520 2003 260 Plant filing fee	1402 320 2402 160 Filing a brief in support of an appeal					
1004 750 2004 375 Reissue filing fee	1403 280 2403 140 Request for oral hearing					
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 375.00	1452 110 2452 55 Petition to revive - unavoidable					
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,300 2453 650 Petition to revive - unintentional 1501 1,300 2501 650 Utility issue fee (or reissue)					
Fee from Ext <u>ra Claims below Fee Paid</u>	I I I I I I I I I I I I I I I I I I I					
Total Claims 12 -20** = 0 X 9.00 = 0.00	1503 630 2503 315 Planti ssue fee					
Independent 3 - 3** = 0 x 42.00 = 0.00	1460 130 1460 130 Petitions to the Commissioner					
Multiple Dependent	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)					
Large Entity Small Entity Fee Fee Fee Fee Pescription	1806 180 1806 180 Submission of Information Disclosure Stmt					
Code (\$) Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)					
1202 18 2202 9 Claims in excess of 20	1809 750 2809 375 Filing a submission after final rejection					
1201 84 2201 42 Independent claims in excess of 3	(37 ČFR 1.129(a))					
1203 280 2203 140 Multiple dependent claim, if not paid 1204 84 2204 42 ** Reissue independent claims	1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b))					
over original patent	1801 750 2801 375 Request for Continued Examination (RCE)					
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application					
SUBTOTAL (2) (\$) 0.00	Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	_				
SUBMITTED BY (Complete (if applicable)						
Name (Print/Type) Andrew G. Kolomayets	Registration No. (Attorney/Agent) 33,723 Telephone 312-236-8500					

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Signature

Date

July 11, 2003

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.